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PATENT  
Docket No. 290.00490101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David A. Sanders et al.	)	Group Art Unit: 1642
	)	
Serial No.: 09/762,224	)	
Confirmation No. 2859	)	
	)	
Int'l Filing Date: 4 August 1999	)	
	)	
Filing Date: 2 February 2001	)	

For: PSEUDOTYPED RETROVIRUSES AND STABLE CELL LINES FOR THEIR PRODUCTION

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the continuing duty of candor and good faith that is to be demonstrated before the United States Patent and Trademark Office (USPTO), enclosed are copies of documents which Applicants bring to the Examiner's attention as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of MPEP §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Supplemental Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Deposit Account No. 13-4895.

**Supplemental Information Disclosure Statement**

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When the Examiner takes up the present application, consideration of these documents is respectfully requested. The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Jacquelyn K. Torborg*  
*JACQUELYN K. TORBORG*

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Date of Deposit: 10 February 2003

Date

*10 February 2003*

Respectfully submitted for

Sanders et al.

By

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**INFORMATION  
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**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		NONE					

**FOREIGN PATENT DOCUMENTS**

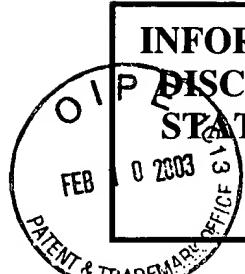
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		NONE						

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial		Document Description
		Blanton et al. "Plasmid transfection and retroviral transduction of porcine muscle cells for cell-mediated gene transfer." <i>J. Anim. Sci.</i> 2000;78(4):909-18.
		Current Protocols in Molecular Biology, Ausubel et al. eds. 1988. Table of Contents.
		Faragher et al. "Genome Sequences of a Mouse-Avirulent and a Mouse-Virulent Strain of Ross River Virus" <i>Virology</i> 1988;163:509-526.
		Jeffers et al. "Covalent modifications of the ebola virus glycoprotein." <i>J. Virol.</i> 2002;76(24):12463-72.
		Kang et al. "In vivo gene transfer using a nonprimate lentiviral vector pseudotyped with Ross River Virus glycoproteins." <i>J Virol.</i> 2002;76(18):9378-88.
		Kuhn et al. "Infectious RNA Transcripts from Ross River Virus cDNA Clones and the Construction and Characterization of Defined Chimeras with Sindbis Virus" <i>Virology</i> 1991;182:430-441.
		Lodge R, et al. "Two distinct oncornaviruses harbor an intracytoplasmic tyrosine-based basolateral targeting signal in their viral envelope glycoprotein." <i>J Virol.</i> 1997;71(7):5696-702.

EXAMINER	Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


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	Markowitz et al. "A safe packaging line for gene transfer: separating viral genes on two different plasmids." <i>J Virol.</i> 1988;62(4):1120-4.
	Marsh et al. "Virus entry into animal cells." <i>Adv Virus Res.</i> 1989;36:107-51.
	Molecular Cloning, A Laboratory Manual, Cold Spring Harbor Laboratory 1989. Table of Contents.
	Morgenstern et al. "A series of mammalian expression vectors and characterisation of their expression of a reporter gene in stably and transiently transfected cells." <i>Nucleic Acids Res.</i> 1990;18(4):1068.
	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus EVU23187 bp RNA, Accession No. U23187, "Zaire Ebola virus Mayinga strain glycoprotein (GP) gene, complete cds." [online]. Bethesda, MD (February 8, 2003).<URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=nucleotide&amp;list_uids=10,(3 pgs.)">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=nucleotide&amp;list_uids=10,(3 pgs.)</a> .
	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus MVREPCYC 2845 bp DNA, Accession No. Z12132, "Marburg virus genes for vp35, vp40, vp30 vp24, glycoprotein, nucleoprotein, polymerase," [online]. Bethesda, MD (Feb. 10, 2003).<URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?cmd=&amp;txt=&amp;save=&amp;cfm=&amp;query_key=2&amp;db=nucleotide&amp;Extrafeat=-1&amp;view+def&amp;dispmax=20&amp;SendTo=on&amp;from=5822&amp;_to8666&amp;_Strand=,(3 pgs.)">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?cmd=&amp;txt=&amp;save=&amp;cfm=&amp;query_key=2&amp;db=nucleotide&amp;Extrafeat=-1&amp;view+def&amp;dispmax=20&amp;SendTo=on&amp;from=5822&amp;_to8666&amp;_Strand=,(3 pgs.)</a>
	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus MVREPCYC 19104 bp DNA, Accession No. MVREPCYC, "Marburg virus genes for vp35, vp40, vp30, vp24, glycoprotein, nucleoprotein, polymerase," [online]. Bethesda, MD (August 26, 2002).<URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=5,(11 pgs.)">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=5,(11 pgs.)</a>
	Pear et al. "Production of high-titer helper-free retroviruses by transient transfection" <i>Proc Natl Acad Sci U S A.</i> 1993;90(18):8392-6.

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	Prasher et al. "Primary structure of the Aequorea victoria green-fluorescent protein." <i>Gene</i> . 1992;111(2):229-33.
	Retroviruses, Cold Spring Harbor Laboratory Press, ed. By Coffin et al. 1997;444.
	Sanders DA. "No false start for novel pseudotyped vectors." <i>Curr Opin Biotechnol</i> . 2002;13(5):437-42.
	Sanes et al. "Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos." <i>EMBO J</i> . 1986;5(12):3133-42.
	Smith et al. "Putative receptor binding sites on alphaviruses as visualized by cryoelectron microscopy." <i>Proc Natl Acad Sci U S A</i> . 1995;92(23):10648-52.
	Strauss et al. "The alphaviruses: gene expression, replication, and evolution." <i>Microbiol Rev</i> . 1994;58(3):491-562.
	Taylor, G. M. and D. A. Sanders. 1999. The role of the membrane-spanning-domain sequence in glycoprotein-mediated membrane fusion. <i>Mol. Biol. Cell</i> 10:2803-2815.
	Taylor et al. "Fv-4: identification of the defect in Env and the mechanism of resistance to ecotropic murine leukemia virus." <i>J Virol</i> . 2001;75(22):11244-8.
	Van Beveren et al. "Nucleotide sequence of the genome of a murine sarcoma virus." <i>Cell</i> 1981;27(1 Pt 2):97-108.

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